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CHAL-0429/58
Cy. 2 of 5 Cys.

RDTT
1 December 1958

MEMORANDUM FOR: Special Assistant to the Director
for Planning and Development

SUBJECT : Pre-Burnout Telemetry Intercept Proposal

REFERENCES : (a) Memo for Chairman, CCPC from ELC, dated 12 September 1958 (CHAL-0314).

(b) Memo for Record: ESO Equipment for Pre-Burnout Telemetry, dated 7 October 1958.

(c) Memo for Special Assistant to the Director for Planning and Development: Equipment for Pre-Burnout Telemetry, dated 17 October 1958.

(d) Memo for Project Director: Pre-Burnout Telemetry, dated 14 October 1958, (SC-05300/58).

(e) Memo for Special Assistant to the Director for Planning and Development: Pre-Burnout Telemetry Proposal, dated 5 November 1958, (SC-05304/58).

1. The information contained in the references describes the intelligence to be derived from, and the method of accomplishing the subject intercept

2. Further examination of considerations relative to the subject proposal indicates the status of various items to be as specified below.

(a) The estimated cost figures are as follows:

(1) One (1) system completely wired with component spares (tubes, transistors, etc.)

25X1A

(2) Two (2) systems completely wired with partial system spares and component spares.

25X1A

(b) The availability of manpower at HRB, the proposed contractor, is now such that three months from date of authority to proceed will be required to effect delivery of a complete operative system.

3. Investigation has been made of the availability of the necessary components for the system (recorders, R.F. tuners, etc.) and all components can be made available to insure delivery in the specified three month period.

4. It is recommended that approval be granted to proceed with the proposal outlined in the references and this memorandum.

25X1A

for
ELINT Staff Officer

* The HRB estimate includes the following items:

- a. Power supplies
- b. Pre-amplifier (55 - 80 mc/s)
- c. Multi-coupler (50 - 100 mc/s)
- d. Sync-extractor w/circuit to automatically turn recorder on.
- e. 2 KC low pass filter
- f. Pilot operated switch and indicator light.
- g. Electronic tuning fork to be used for relative time.
The driver will operate a tone device along with voice annotation to sync with real time.
- h. System Technical Manuals
- i. One (1) man month field engineering service in the U.S.